

aforementioned nucleic acids.

Please substitute the paragraph in the appendix entitled "Clean Version of the Paragraph Beginning at Line 6, Page 23" for the paragraph beginning at line 6, page 23 of the specification. Specific amendments to this paragraph are detailed in the following marked-up paragraph:

Probes:

Salm63: 5'-TCGACTGACTTCAGCTCC-3' (SEQ ID NO:1)

NonSalm: 5'-GCTAACTACTTCTGGAGC-3' (SEQ ID NO:2)

Fluorescence dye used: Cy3

Please substitute the paragraph in the appendix entitled "Clean Version of the Paragraph Beginning at Line 36, Page 27" for the paragraph beginning at line 36, page 27 of the specification. Specific amendments to this paragraph are detailed in the following marked-up paragraph:

Batch of two milk samples of 25 mL each or 25 g for hybridization with the probes

"Salm63-Cys" (Cy3-5'-TCGACTGACTTCAGCTCC-3' (SEQ ID NO:1)) and

"nonSalm-Cy3" (Cy3-5'-GCTAACTACTTCTGGAGC-3' (SEQ ID NO:2))

Please substitute the paragraph in the appendix entitled "Clean Version of the Paragraph Beginning at Line 28, Page 36" for the paragraph beginning at line 28, page 36 of the specification. Specific amendments to this paragraph are detailed in the following marked-up paragraph:

Materials:

- Eppendorf 1.5 mL reaction vessels
- Formamide (Merck, Darmstadt)
- Probe working solutions of 50 ng/μL each:

25 μL PPx3 655-Cy3: 5'-ACC CTC CTC TCC CGG TCT-3' (SEQ ID NO:3)

As an alternative to PPx3 655-Cy3, it is also possible to use PPx3 1428-Cy3

PPx3 1428-Cy3 5'-TGG CCC ACC GGC TTC GGG-3' (SEQ ID NO:4)

25 μL Non15-Cy3 5'-GCT AAC TAC TTC TGG AGC-3' (SEQ ID NO:5)

25 μL Non15-Cy5 5'-GCT AAC TAC TTC TGG AGC-3' (SEQ ID NO:5)

25 μL 3xEUB-Cy3I. 5'-GCT GCC TCC CGT AGG AGT-3' (SEQ ID NO:6)

II. 5'-GCA GCC ACC CGT AGG TGT-3' (SEQ ID NO:7)